



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/621,029  
Art Group: To be assigned  
Examiner: To be assigned  
1<sup>st</sup> Applicant: Chak Chakir  
Filed: July 16, 2003  
Title: High Frequency Pulse Width Modulation  
Atty. Ref.: 502827.000010

CERTIFICATE OF MAILING — 37 C.F.R. § 1.8

I hereby certify that this correspondence, and any and all correspondence referenced herein, is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Arlington, VA 22313-1450, on October 16, 2003.

*A. Weiss*

Aaron A. Weiss

*10-16-03*

Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Arlington, VA 22313-1450

Commissioner:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement (IDS) be entered and the documents listed on attached form(s) PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. §§ 1.97(g) and (h), this IDS is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

The present IDS is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). Thus, no fees are believed to be due in connection with the filing of this IDS.

Commissioner for Patents

October 16, 2003

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The Applicant respectfully requests that the listed documents be made of record in the present case.

Should the examiner have any questions or concerns that might be resolved by telephone communication, please do not hesitate to contact the undersigned attorney at 512-469-6177.

Should any additional fees be required under Rules 1.16 – 1.21 for any reason relating to the enclosed materials, the Assistant Commissioner is authorized to deduct said fees from Thompson & Knight, L.L.P.'s Deposit Account No. 20-0821/502827.000010/AAW.

Respectfully submitted,

THOMPSON & KNIGHT LLP

By \_\_\_\_\_



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application No.	10/621,029
Filing Date	July 16, 2003
1 <sup>st</sup> Named Inventor	Chak Chakir
Art Unit	To be assigned
Examiner Name	To be assigned
Atty. Docket No.	502827.000010

**U.S. Patents**

Examiner Initials*	Inventor	Patent Number	Issue Date
	Maeda	6,384,567	May 7, 2002
	Suzuki et al.	6,236,192	May 22, 2001
	Yuan	6,208,122	March 27, 2001
	Akerson	4,742,441	May 3, 1988

**Non-Patent Literature**

Examiner Initials*	Include author, title, pages, date, publisher, and place of publication
	Frequencies, Detection of Frequencies, 3 pages, accessed 5/20/2003, <a href="http://www.audiotutorial.co.uk/psychoacoustics/frequency/frequency.html">http://www.audiotutorial.co.uk/psychoacoustics/frequency/frequency.html</a>
	PWM Fan Controllers, 2 pages, accessed 5/20/2003, <a href="http://casemods.pointofnorelease.org/pwm/pwmtheory.html">http://casemods.pointofnorelease.org/pwm/pwmtheory.html</a>
	PWM Fan Controllers, 2 pages, accessed 5/20/2003, <a href="http://casemods.pointofnorelease.org/pwm">http://casemods.pointofnorelease.org/pwm</a>
	PWM Motor Speed Controller / DC Light Dimmer, 4 pages, accessed 5/20/2003, <a href="http://www.solorb.com/elect/solarcirc/pwm1/">http://www.solorb.com/elect/solarcirc/pwm1/</a>
	BARR, Michael, Introduction to Pulse Width Modulation, dated 8/31/2001, 3 pages, accessed 5/20/2003, <a href="http://www.embedded.com/printableArticle?doc_id=OEG20010821S0096">http://www.embedded.com/printableArticle?doc_id=OEG20010821S0096</a>
	Pulse Width Modulation (PWM) Basics, Power Designers, 4 pages, accessed 5/20/2003, <a href="http://www.powerdesigners.com/InfoWeb/design_center/articles/PWM/pwm.shtml">http://www.powerdesigners.com/InfoWeb/design_center/articles/PWM/pwm.shtml</a>
	TL5002, PULSE-WIDTH-MODULATION CONTROL CIRCUIT, SLVS304A – SEPTEMBER 2000 – REVISED AUGUST 2002, Published by Texas Instruments Incorporated

Examiner Signature	Date Considered
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.